| Ref<br># | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--|---------------------|---------|------------------|
| L5       | 191  | (chip or die) and (fin\$1 with ((direction or angle or slant\$3) and (sink or spreader or pipe) and center))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/20 10:31 |
| L6       | 138  | I5 and (@ad<"20040227")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/20 10:37 |
| L7       | 30   | L6 and stress  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/20 10:37 |
| L8       | 108  | L6 not L7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/20 10:26 |
| L9       | 528  | (chip or die) and (center with<br>(substrate and (direction or angle or<br>slant\$3))) and (sink or spreader or<br>pipe) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/20 10:32 |
| L10      | 397  | I9 and (@ad<"20040227")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/20 10:37 |
| L11      | 138  | L10 and stress   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/20 10:37 |

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| L12 | 138    | L11 not L8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/20 10:39 |
|-----|--------|--|--|------|-----|------------------|
| L13 | 259    | L10 not L12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/20 10:39 |
| S1  | 880    | (@ad<"20040227") and (438/122.ccls. or 257/675,706,717.ccls.) and stress   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 21:49 |
| S2  | 280    | S1 and ((fin\$1 or sink or spreader or pipe) with (direction or stress))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/06/19 21:46 |
| S3  | 5      | ("5194935").URPN.  | USPAT  | OR   | OFF | 2007/06/19 21:23 |
| S4  | 19     | ("2730663"   "2965819"   "3280907"   "3312277"   "3592260"   "3955122"   "4682651"   "4753290"   "4823869"   "5077601"   "5194935"   "5195576"   "5329436"   "5368094"   "5455457"). PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR   | OFF | 2007/06/19 21:24 |
| S5  | 3383   | (@ad<"20040227") and (438/122.ccls. or 257/675,706,717.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/20 10:24 |
| S6  | 108912 | S2 anf (fin\$1 with (direction or angle or slant\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/06/19 21:41 |

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| S7  | 24    | S2 and (fin\$1 with (direction or angle or slant\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/19 21:47 |
|-----|-------|---|--|----|-----|------------------|
| S8  | 20467 | (chip or die) and ((fin\$1 or sink or<br>spreader or pipe) with (direction or<br>stress))         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/19 21:46 |
| S9  | 887   | (chip or die) and (fin\$1 with ((direction or angle or slant\$3) and (sink or spreader or pipe))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/20 10:23 |
| S10 | 634   | S9 and (@ad<"20040227")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/19 22:05 |
| S11 | 91    | S10 and stress  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/19 21:49 |
| S12 | 634   | S10 not "L33"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/19 22:05 |
| S13 | 543   | S10 not S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/19 22:07 |

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| S14 | 26 | (chip or die) and (fin\$1 with (sink or<br>spreader or pipe)) and<br>inter\$2digitated | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/19 22:17 |
|-----|----|--|--|----|-----|------------------|
|-----|----|--|--|----|-----|------------------|